M1C1 CSS Grid Assignment

During the first section of Module 1, you will have reviewed the very helpful CSS Grid tool. CSS Grid is a tool that developers can use to control the layout and behavior of their HTML elements. You were first exposed to CSS Grid during the Coding Foundations course. Now that you have reviewed and learned more about CSS Grid during this first Full Stack section, it is time to practice! You will use HTML and CSS to complete this assignment. It is expected that you will create and edit files using a text editor and that you will use an external stylesheet. Please complete the following assignment and reach out on the Support App to have a mentor review your work. If you have any questions or need any help, please reach out so we can help you! This assignment must be completed to pass this section of the coursework.

*Concepts Included in this Assignment: HTML, CSS, CSS Grid, HTML Classes, HTML IDs, HTML Div, Img, and Paragraph Tags, CSS Background-Color, CSS Text Color, CSS Grid Rows, Columns, and Fractional Units, CSS External Stylesheets and Inline Styling, Google Fonts, and Font Awesome.

Grid 1: Create a div tag with the class of "gridOne". Create two paragraph tags that respectively say "Hello World" and "My Fantastic Content". This grid should have two equally sized columns. Use inline styling to turn the text of the second paragraph tag blue.

Example:

Grid 2: Create another div tag in the same HTML file. Make sure that none of the grids are nested inside each other. Give this div the class of "gridTwo". Create three divs inside of gridTwo, this means that they will be child divs in relation to gridTwo. Assign them each a unique class. Add a paragraph tag to each of the divs with whatever text you would like. Each child div should have its own different background color. Try using red, blue, and yellow. This grid should have three columns. The third column should be twice as large as the first two columns. The background colors will help you identify if the sizes created by your grid-template-columns are correct.
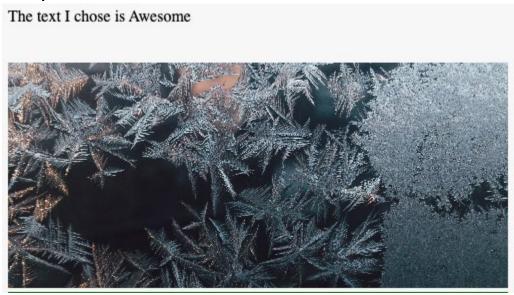
Example:

Grid 3: Create another div tag in the same HTML file. Give this div the class of "gridThree". Create two child divs inside of gridThree and give them both a unique class. The first child div should contain a paragraph tag and the second should contain an image of your choice. This grid should have two rows. The second row should be three times as large as the first. Use

background colors again to help make the sizes clear. Give gridThree a width of 500 pixels and a height of 300 pixels.
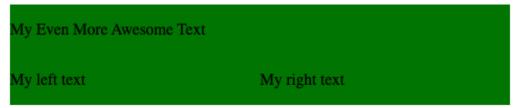
Make sure that you give the image a width of 500 pixels and a height of 225 pixels. You will also need to make sure that object-fit equals cover so that the image will not be distorted or too large for the row.

Example:

Grid 4: Create another div tag in the same HTML file. Give this div the class of "gridFour". Create two child divs and give the first a unique class name and the second an ID. The first div should contain a paragraph tag. The second should contain two paragraph tags. GridFour should have two equally sized rows. Now we will deal with a nested grid. Select the second child div by its ID. Use CSS Grid to create another grid in that div. There should be two grid columns of equal size. Give gridFour a width of 500 pixels and a background color of green.

Example:

Grid 5: Create another grid following the same instructions as in Grid 4, with the exception of the second child div. Give this div the class of "gridFive". The second child div should have two images instead of two paragraph tags. The first picture should be twice as wide as the second. You will also have to resize these images so that they fit, try making each 200 pixels tall and wide. Make sure to use object-fit: cover; again.

Example:

Grid 6: Create another div tag in the same HTML file. Give this div the class of "gridSix". There should be two elements inside of gridSix. The first should be a font-awesome icon of your choice. The second element should be a paragraph tag. Choose a google font and apply it to the paragraph tag. GridSix should have two grid-template-columns. The second column, with the paragraph, should be three times the size of the first column with the icon. Give gridSix a width of 500px and make the background color light gray.

Example:

MY AWESOME GOOGLE FONT IS APPLIED HERE

*Images used come from Unsplash and are free to use.
Ice https://unsplash.com/photos/hSPVuakrJqs
Lantern https://unsplash.com/photos/qC117ahi-mE
Street https://unsplash.com/photos/_TuI8tZHlk4